



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,097	11/06/2001	Ken Kutaragi	SCEI 3.0-104	7476

530 7590 09/11/2003

LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK
600 SOUTH AVENUE WEST
WESTFIELD, NJ 07090

EXAMINER

PEYTON, TAMMARA R

ART UNIT	PAPER NUMBER
----------	--------------

2182

DATE MAILED: 09/11/2003

69

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/993,097

Applicant(s)

KUTARAGI ET AL.

Examiner

Tammara R Peyton

Art Unit

2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-10 and 12-19 are rejected under 35 U.S.C. 102(e) as being anticipated by *Torii et al.*, (EP0982663).

As per claims 1 and 13, *Torii* teaches an electronic apparatus, comprising:

- a main body (11, Fig. 2);
- a circuit in the main body functioning as a hub (4, Fig.2);
- at least one first connector(7, Fig.2) portion electrically connected to the circuit;
- and
- an electronic device (9, Fig.2) connected to the at least one first connector portion,
- wherein a computer (2, Fig.2) is connectable to the electronic apparatus through the circuit so that information from the computer is supplied to the electronic device and/or information from the electronic device is supplied to the computer.

(Abstract, pg. 1, lines 54-pg.8)

As per claims 5, 7, 8, 15, and 18, *Torii* teaches an electronic device (9, Fig.2) capable of being attached to an electronic apparatus having a main body, a circuit in the main body functioning as a hub, and at least one first connector portion integrally formed in the main body and electronically connected to the circuit, the electronic device comprising:

- a body (11, Fig.2);
- an operating portion (4, Fig.2) in the body; and
- a second connector portion integrally fixed to the body and adapted for connection to the at least one first connector portion, (3, 12, 7, Fig.2)

wherein the electronic device can be directly attached to the main body of the electronic apparatus and can transmit information to or receive information from a computer connected to the electronic apparatus through the circuit.

As per claims 2 and 3, *Torii* inherently teaches wherein power is supplied from the circuit to the electronic device via the circuit.

As per claims 4 and 14, *Torii* teaches wherein the electronic apparatus is a display apparatus.

Art Unit: 2182

As per claim 6, 9, 10, 16, *Torii* allows the user to connected different peripherals differently to the display device inherently the user connects the peripherals in a desirable manner.

As per claims 12, 17, and 19, *Torii* teaches wherein the circuit, the at least one first connector portion and the second connector portion are formed on the basis of the USB specification.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by *Kim*, (5,938,770).

As per claims 1 and 13, *Kim* teaches an electronic apparatus, comprising:

- a main body (11b, Fig. 14);
- a circuit in the main body functioning as a hub (Fig.14);
- at least one first connector(UP1, DP1-3, Fig.14) portion electrically connected to the circuit; and
- an electronic device (23, 14, 12, Fig.13) connected to the at least one first connector portion,
- wherein a computer (10, Fig.13) is connectable to the electronic apparatus through the circuit so that information from the computer is supplied to the

Art Unit: 2182

electronic device and/or information from the electronic device is supplied to the computer. (Abstract, col. 2, lines 43-col. 3, lines 1-12, col. 7, lines 1-col. 10, lines 1-41)

As per claims 5, 7, 8, 15, and 18, *Kim* teaches an electronic device (23, 14, 12, Fig.13) capable of being attached to an electronic apparatus having a main body, a circuit in the main body functioning as a hub, and at least one first connector portion integrally formed in the main body and electronically connected to the circuit, the electronic device comprising:

- a body (11b, Fig.14);
- an operating portion (Fig.14) in the body; and
- a second connector portion integrally fixed to the body and adapted for connection to the at least one first connector portion, (Figs. 13,14)

wherein the electronic device can be directly attached to the main body of the electronic apparatus and can transmit information to or receive information from a computer connected to the electronic apparatus through the circuit.

As per claims 2 and 3, *Kim* inherently teaches wherein power is supplied from the circuit to the electronic device via the circuit.

As per claims 4 and 14, *Kim* teaches wherein the electronic apparatus is a display apparatus.

Art Unit: 2182

As per claim 6, 9, 10, 16, *Kim* allows the user to connected different peripherals differently to the display device inherently the user connects the peripherals in a desirable manner.

As per claim 11, *Kim* teaches wherein the electronic device is speaker – inherently speaker could in pairs. *Kim* allows the user to arrange the electronic devices in any position desirable to the user. Inherently, speakers are positioned on the left and right sides of a display apparatus.

As per claims 12, 17, and 19, *Kim* teaches wherein the circuit, the at least one first connector portion and the second connector portion are formed on the basis of the USB specification.

Claims 1-10 and 12-19 are rejected under 35 U.S.C. 102(e) as being anticipated by *Frederick et al.*, (US 6,314,479).

As per claims 1 and 13, *Frederick* teaches an electronic apparatus, comprising:

- a main body (12, Fig. 9);
- a circuit in the main body functioning as a hub (86, Fig.9);

Art Unit: 2182

- at least one first connector(140, Fig.9) portion electrically connected to the circuit; and
- an electronic device (col. 19, lines 57-59) connected to the at least one first connector portion,
- wherein a computer (14, Fig.9) is connectable to the electronic apparatus through the circuit so that information from the computer is supplied to the electronic device and/or information from the electronic device is supplied to the computer. (Abstract, col. 18, lines 8-col. 19, lines 1-59)

As per claims 5, 7, 8, 15, and 18, *Frederick* teaches an electronic device capable of being attached to an electronic apparatus having a main body, a circuit in the main body functioning as a hub, and at least one first connector portion integrally formed in the main body and electronically connected to the circuit, the electronic device comprising:

- a body (12, Fig.9);
- an operating portion (Fig.9) in the body; and
- a second connector portion integrally fixed to the body and adapted for connection to the at least one first connector portion

wherein the electronic device can be directly attached to the main body of the electronic apparatus and can transmit information to or receive information from a computer connected to the electronic apparatus through the circuit.

Art Unit: 2182

As per claims 2 and 3, *Frederick* inherently teaches wherein power is supplied from the circuit to the electronic device via the circuit.

As per claims 4 and 14, *Frederick* teaches wherein the electronic apparatus is a display apparatus.

As per claim 6, 9, 10, 16, *Frederick* allows the user to connected different peripherals differently to the display device inherently the user connects the peripherals in a desirable manner.

As per claims 12, 17, and 19, *Frederick* teaches wherein the circuit, the at least one first connector portion and the second connector portion are formed on the basis of the USB specification.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tammara Peyton whose telephone number is (703) 306-5508. The examiner can normally be reached between 6:30 - 4:00 from Monday to Thursday, (I am off every first Friday), and 6:30-3:00 every second Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Gaffin, can be reached on (703) 308-3301. The fax phone

Art Unit: 2182

number for the organization where this application or proceeding is assigned is (703) 305-3718. Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Mailed responses to this action should be sent to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.

Faxes for Official/formal communications intended for entry should be sent to:

(703) 746-7238, After Final (703) 746-7239

or, for informal or draft communications, to:

(703) 746-7240 (please label "PROPOSED" or "DRAFT").

Hand-delivered responses should be brought to:

Crystal Park II, 2121 Crystal Drive, Arlington, VA, Fourth Floor

(Receptionist).

A handwritten signature in cursive script, appearing to read 'Tammara Peyton'.

Tammara Peyton

September 05, 2003